



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicants: Michael J. Schaffer
Serial No.: 10/046,596
Filed: October 22, 2001
Title: Providing Integrated Chassis
Antenna for Processor-Based Devices

§
§
§
§
§
§

Art Unit: 2821
Examiner: Chuc Tran
Docket No.: ITL.0588US
(P11729)

TECHNOLOGY CENTER 2800

JAN 24 2003

RECEIVED

Commissioner for Patents
Washington, D.C. 20231

REPLY TO PAPER NO. 4

In response to the Office Action mailed December 4, 2002, the Applicant requests the Examiner to please consider the following remarks:

REMARKS

Claim 1 stands rejected under 35 U.S.C. § 102(e) as being anticipated by *Crawford* (U.S. Pat. No. 6,456,242).

Independent claim 1 recites a wireless computer network that includes a wireless network computer having a chassis. *An integrated chassis antenna is coupled to the computer chassis.* A first wireless network device is coupled to the integrated chassis antenna. A second wireless network device is operative to communicate with the wireless network computer.

Crawford fails to teach or suggest a wireless computer network having *an integrated chassis antenna that is coupled to the computer chassis.*

Crawford describes an antenna assembly and a method of making the antenna assembly for which printed copper (microstrip) techniques are used to implement the antenna elements on the outer surface of the housing. (*Crawford*, col. 5, lines 32-36). However, the Specification of the present patent application defines “integrated” or “integrating” to mean “form or forming from material that forms a chassis and remaining contiguous, in part, with the chassis.” (page 8, lines 18-20). The printed copper (microstrip) antennas described by *Crawford* are not formed

Date of Deposit: JANUARY 17, 2003

I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as First Class Mail with sufficient postage on the date indicated above and is addressed to: Commissioner for Patents, Washington, DC 20231.

Ella R. Sisco

Ella Sisco

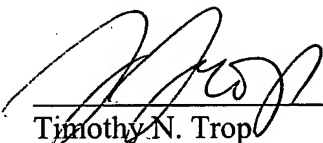
from material that forms the chassis. Instead, the microstrip is formed from copper printed *onto* the material that forms the chassis.

Independent claims 4, 9, and 14 distinguish over *Crawford* for at least the same reasons set forth above with respect to independent claim 1.

In view of these remarks, the application is now in condition for allowance and the Examiner's prompt action in accordance therewith is respectfully requested.

Respectfully submitted,

Date: 1/17/03



Timothy N. Trop
Reg. No. 28,994
TROP, PRUNER & HU, P.C.
8554 Katy Freeway, Suite 100
Houston, TX 77024
(713) 468-8880 [Phone]
(713) 468-8883 [Fax]